

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 5741 | 451/11,8,9,49,283,548.ccls.   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/06/24 11:29 |
| L2    | 1    | 1 and ((wheel adj wear adj comparison) or (WWC))                                | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/06/24 11:30 |
| S1    | 14   | ("20030194954" "5203886" "5401284" "5536283" "5569060" "5863308" "6220949").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT                       | OR               | OFF     | 2007/06/23 16:12 |
| S2    | 3    | kumar-kris-v.in.  | US-PGPUB; USPAT; EPO; JPO; DERWENT                       | OR               | OFF     | 2007/06/23 16:12 |
| S3    | 3    | kumar-kris-v.in.  | US-PGPUB; USPAT; EPO; JPO; DERWENT                       | OR               | OFF     | 2007/06/23 16:32 |
| S4    | 8    | varghese-biju.in.   | US-PGPUB; USPAT; EPO; JPO; DERWENT                       | OR               | OFF     | 2007/06/23 16:32 |
| S5    | 0    | ("2003/0194954").URPN.  | USPAT  | OR               | OFF     | 2007/06/23 18:01 |
| S6    | 3    | ("4137516"   "4549372"   "5495844").PN.   | US-PGPUB; USPAT; USOCR                                   | OR               | OFF     | 2007/06/23 18:10 |
| S7    | 1    | (grind adj ferrous adj roll) and (wheel adj wear adj compensation)              | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/06/23 18:13 |
| S8    | 2    | (grind\$4 adj ferrous adj roll) and (wheel adj wear adj compensation)           | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/06/24 01:15 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| S9  | 2      | (grind\$4 adj ferrous adj roll)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 18:14 |
| S10 | 101463 | "451"/\$.ccls.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 18:15 |
| S11 | 28     | S10 and (wheel adj wear adj compensation) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 18:34 |
| S12 | 28     | S11 and grind\$4                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 18:16 |
| S13 | 71     | (wheel adj wear adj compensation)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 18:35 |
| S14 | 41     | S13 and grind                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 18:35 |
| S15 | 47     | S13 and grind\$4                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 18:47 |

## EAST Search History

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| S16 | 4    | S15 and roughness            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 18:52 |
| S17 | 1085 | 451/11                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 18:53 |
| S18 | 14   | S17 and (grind\$4 near roll) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 18:57 |
| S19 | 2    | S18 and rpm                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 19:03 |
| S20 | 146  | (grind\$4 near roll) and rpm | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 19:04 |
| S21 | 25   | S20 and roughness            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/23 19:05 |
| S22 | 0    | gring\$4 adj ratio           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/24 01:15 |

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|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| S23 | 469    | grind\$4 adj ratio   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/24 01:16 |
| S24 | 69     | S23 and (surface adj roughness)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/24 01:18 |
| S25 | 14     | S24 and rpm  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/24 01:25 |
| S26 | 4      | S25 and roll   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/24 01:25 |
| S27 | 2      | (grind\$4 adj roll) and (wheel adj wear adj compensation) and (surface adj roughness)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT                                | OR | ON | 2007/06/24 07:48 |
| S28 | 2      | (grind\$4 adj5 roll) and (wheel adj wear adj compensation) and (surface adj roughness) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT                                | OR | ON | 2007/06/24 07:49 |
| S29 | 2      | (wheel adj wear adj compensation) and (surface adj roughness)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT                                | OR | ON | 2007/06/24 07:51 |
| S30 | 101463 | "451"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/24 07:52 |

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|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| S31 | 28  | S30 and (wheel adj wear adj compensation) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/24 07:52 |
| S32 | 469 | grind\$4 adj ratio                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/24 08:41 |
| S33 | 69  | S32 and (surface adj roughness)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/24 08:41 |
| S34 | 146 | (grind\$4 near roll) and rpm              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/24 09:43 |
| S35 | 10  | (grind\$4 near roll) and fpm              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/24 10:11 |
| S36 | 6   | (grind\$4 near roll) and fpm and length   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/24 11:28 |